

Addition and Subtraction Situations

		Result Unknown	Change Unknown	Start Unknown
Add to	CGI Type JOINING	Two bunnies sat on the grass. Three more bunnies hopped there. How many bunnies are on the grass now? 2 + 3 = ?	Two bunnies were sitting on the grass. Some more bunnies hopped there. Then there were five bunnies. How many bunnies hopped over to the first two? 2 + ? = 5	Some bunnies were sitting on the grass. Three more bunnies hopped there. Then there were five bunnies. How many bunnies were on the grass before? ? + 3 = 5
		JRU - Join Result Unknown	JCU - Join Change Unknown	JSU - Join Start Unknown
Take from	CGI Type SEPARATING	Five apples were on the table. I ate two apples. How many apples are on the table now? 5 - 2 = ?	Five apples were on the table. I ate some apples. Then there were three apples. How many apples did I eat? 5 - ? = 3	Some apples were on the table. I ate two apples. Then there were three apples. How many apples were on the table before? ? - 2 = 3
		SRU - Separate Result Unknown	SCU - Separate Change Unknown	SSU - Separate Start Unknown
		Total Unknown	Addend Unknown	Both Addends Unknown
Put Together / Take Apart	CGI Type PART-PART-WHOLE	Three red apples and two green apples are on the table. How many apples are on the table? 3 + 2 = ?	Five apples are on the table. Three are red and the rest are green. How many apples are green? 3 + ? = 5 5 - 3 = ?	Grandma has five flowers. How many can she put in her red vase and how many in her blue vase? 5 = 0 + 5 5 = 5 + 0 5 = 1 + 4 5 = 4 + 1 5 = 2 + 3 5 = 3 + 2
		Part-Part-Whole---Whole Unknown	Part-Part-Whole---Part Unknown	(no comparable CGI problem type)
		Difference Unknown	Bigger Unknown	Smaller Unknown
Compare	CGI Type COMPARE	("How many more?" version) Lucy has two apples. Julie has five apples. How many more apples does Julie have than Lucy? CDU - Compare Difference Unknown	(Version with "more") Julie has three more apples than Lucy. <u>Lucy has two apples.</u> How many apples does Julie have? CQU - Compare Quantity Unknown	(Version with "more") Julie has three more apples than Lucy. <u>Julie has five apples.</u> How many apples does Lucy have? CRU - Compare Referent Unknown
		("How many fewer?" version) Lucy has two apples. Julie has five apples. How many fewer apples does Lucy have than Julie? 2 + ? = 5 5 - 2 = ? CDU - Compare Difference Unknown	(Version with "fewer") Lucy has 3 fewer apples than Julie. <u>Lucy has two apples.</u> How many apples does Julie have? 2 + 3 = ? 3 + 2 = ? CRU - Compare Referent Unknown	(Version with "more") Lucy has 3 fewer apples than Julie. <u>Julie has five apples.</u> How many apples does Lucy have? 5 - 3 = ? ? + 3 = 5 CQU - Compare Quantity Unknown